

Work Order ID 161889

Tuesday, May 23, 2017 11:00:24 AM

161889

Page 1

Item ID: D4269-5

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Angle

Start Date: 5/26/2017 Start Qty: 4.00

4

Cust Item ID:

Required Date: 5/30/2017 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan:

PA DAS
21
9-89

Date: 20170523

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4269	A								
100		0.00							
100									
Small Fab	Memo	1.35							
Small Fab	1- Cut to length as per dwg 2- Drill two holes to make R0.25 @ 2 place as per dwg (use 1/2 unibite) 3- Trace and cut angle as per dwg 4- Deburr 23.25								
110	QC5- Inspect part completeness to step on W/O	0.00							
110									
QC	Memo	0.00							
Quality Control									
120	Chemical Conversion Coat per QSI005 4.1	0.00							
120									
HandFinish	Memo	1.12							
Hand Finishing									

DAS
19
9-89MLC
17-8-2DAS
38
9-89

AUG 04 2017

2017-08-08

JSL
BEB

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
OTHER : ☐									

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Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* QC Quality Control	QC7-Inspect Chemical Conversion Coat Memo	0.00 0.04				4			DAS 38 9-89 AUG 09 2017
140 *140* Packaging Packaging	Identify as per dwg & Stock Location ST 237 Memo	0.00 0.04				4x			DAS 26 9-89 AUG 10 2017
150 *150* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.40							DAS 21 9-89 AUG 18 2017
									DAS 21 9-89 AUG 10 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Tuesday, May 23, 2017 11:00:23 AM

Page 1

Work Order ID: 161889

161889

Parent Item: D4269-5

D4269-5

Parent Item Name: Angle

Start Date: 5/26/2017

Required Date: 5/30/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A 11.04.04 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M2024T3A.750X.750X.
063W

Purchased

No

100

f

0.0000

1.9375

8.157895

M2024T3A 750X 750X 063W

M137804

**

8.16

M46

Angle2024T3511 .750 x .750 x .063w

17-8-2

DQA: _____ Date: _____

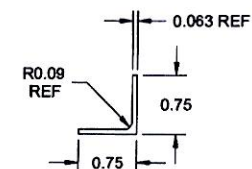
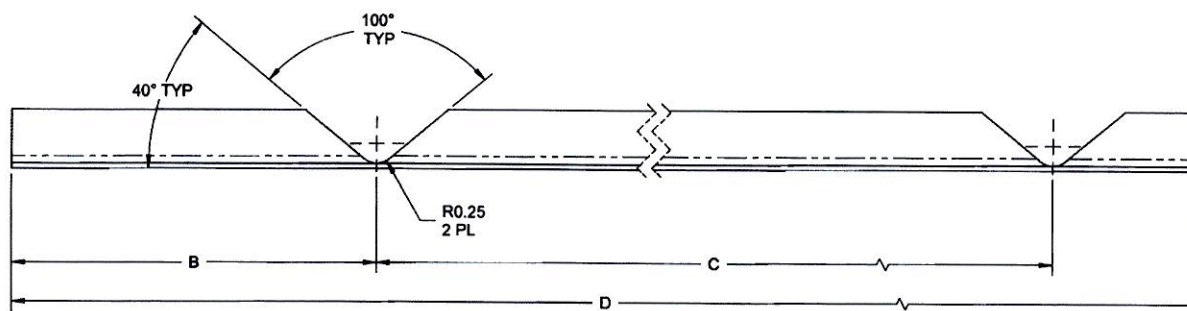
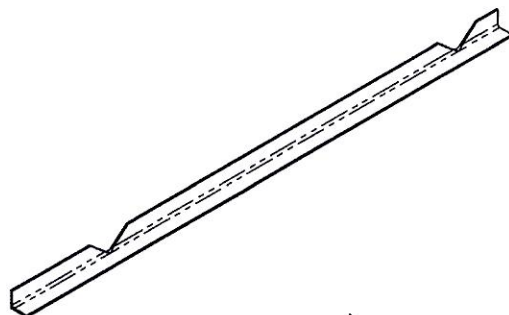
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OTHER : ☐																																																																							



D4269-Z
(REF. EAGLE DRAWING No. D2046902 P/N EA20469-Y)

PART NUMBER	DESCRIPTION	EA20469-Y	B	C	D	WEIGHT
D4269-5	ANGLE	EA20469-29	4.66	16.69	23.25	0.21
D4269-7	ANGLE	EA20469-32	2.28	16.5	22.03	0.19

RELEASED
R 2011-04-05

NOTES:

- 1) MATERIAL: 2024-T3/T3510/T3511 ALUMINUM ANGLE
PER QQ-A-200/3
OR AMS 4152, 4164 & 4165
PER DART SPEC. M2024T3AH0.75XW0.75XT0.063R0.090
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: SEE TABLE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 161 789

20170523

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO. D4269	REV. A
MFG. APPR.	<i>[Signature]</i>	SHEET 2 OF 2	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	VRD PARTS	NTS
DATE	10.11.22	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	